## WHAT IS CLAIMED IS:

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1. A disk unit, connectable to a server computer and a client computer via

- 4 a network, wherein the server computer manages function that the client computer
- 5 requests to execute and manages data stored in the disk unit, the disk unit comprising:
- 6 disk storage media for storing data; and
- a control unit having a memory for storing function and function information
- 8 relating to execution of the function that are sent from the server;
- 9 wherein said control unit executes the function in response to function execute request
- from the client computer and restricts, based on the function information, accesses for
- the data stored in said disk storage media during execution of the function.

2. A disk unit according to claim 1, wherein

the function is a selection or extraction process in a database.

- 3. A disk unit according to claim 1, wherein.
- the function is a direct data transfer between the client and disk units without
- 3 passing through the server the duplication of data among.
  - 4. A disk unit according to claim 1, wherein.

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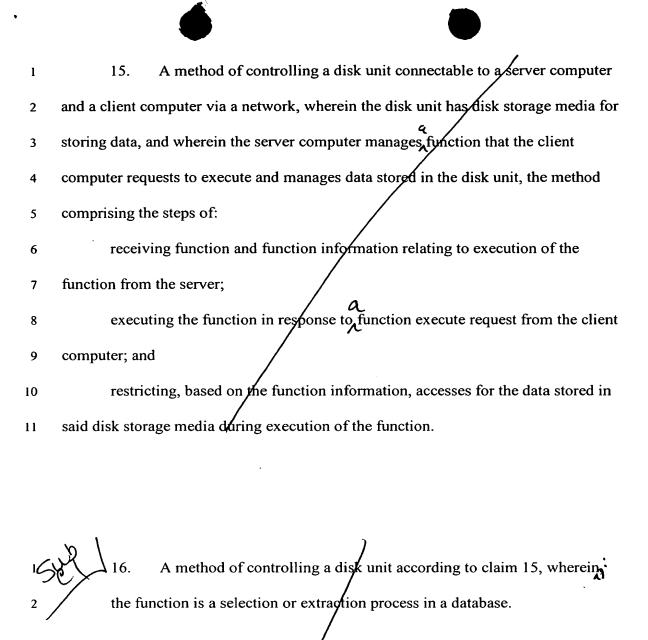
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5	function in the case that execution of the function was not successful and restores data
6	Said disk stored in disk said storage media to its state prior to execution of the function only in
7	the case where a command has been set in the function information to restore data
8	stored in said disk storage media to its state prior to execution of the function in the
9	case that execution of the function was not successful.
1	9. A disk unit according to claim 7, wherein.
2	said control unit does not overwrite non-updated data with data updated from
3	the function execution, until the execution of the function is complete.
1	10. A disk unit according to claim 8, wherein said disk unit is
	characterized by said control unit that does not overwrite non-updated data with data
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3	updated from the function execution, until the execution of the function is complete.
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1	11. A disk unit according to claim 9, wherein
2	said control unit stores data updated from said function execution in the
3	memory.
1	12. A server computer, connectable to a client computer and a disk unit via

a network, comprising:
storage unit for storing a program; and

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4	processing unit for executing the program stored in the storage unit;
5	wherein the program has the steps of:
6	creating function information to restrict the access area for data stored in the
7	disk unit at each function execute request in the case that a function execute request
8	from the client computer is received, which is performed at the disk unit; and
9	sending the function and the function information to the disk unit.
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1	13. A server unit according to claim 12, wherein.
2	said processing unit receives at least user ID information from the client computer and
3	creates the function information to restrict the access area based on the user ID
4	information that was received.
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6	14. A disk unit, connectable to a client computer via a network,
2	comprising:
3	disk storage media to store data, and
4	a control unit, wherein
5	said control unit receives function execute requests and user ID information
6	from a client unit via a network and based on said user ID information, creates
7	function information to restrict the access area for data stored in said storage media at
8	each function execute request, and restricts the access area based on said function
9	information.
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- 17. A method of controlling a disk unit according to claim 15, wherein
- the function is a direct data transfer between the client and disk units without
- 3 passing through the server, the duplication of data among.
- 1 18. A method of controlling a disk unit according to claim 15, whereing
  the function information comprises a list that indicates the accessible area, and
- wherein said control unit restricts accesses for the data based on the list.

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1	19. A method of offloading function requested to execute from a client
2	computer from a server computer to a disk unit connecting the server computer,
3	comprising the steps of:
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4	creating function information to restrict the access area for data stored in the
5	disk unit for each function requested to execute from the client computer;
6	sending the function and the function information to the disk unit.
6	20. A client server system comprising:
2 2	a client computer;
3	a server computer connected to the client computer; and
4	a disk unit connected to the client computer and the server computer, the disk
5	unit having disk storage media for storing data;
6	wherein said client computer requests function execution to said server
7	computer, and wherein said server computer creates function information relating to
8	execution of the function that are-requested to execute from said client computer, and
9	wherein said disk unit receives the function and the function information from the
10	server computer, executes the function and restricts based on the function information,
11	accesses for the data stored in said disk storage media during execution of the
10	function.

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